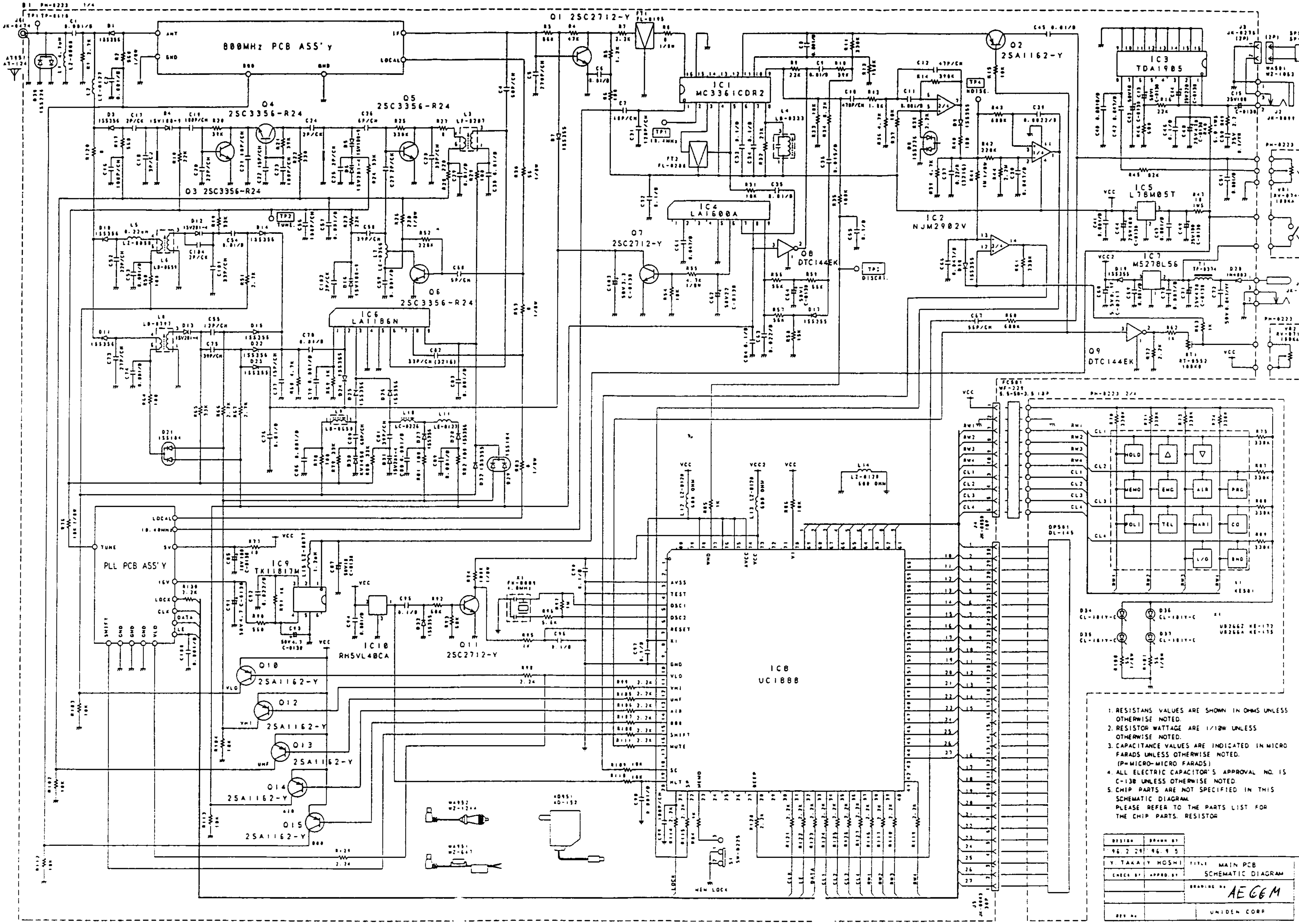
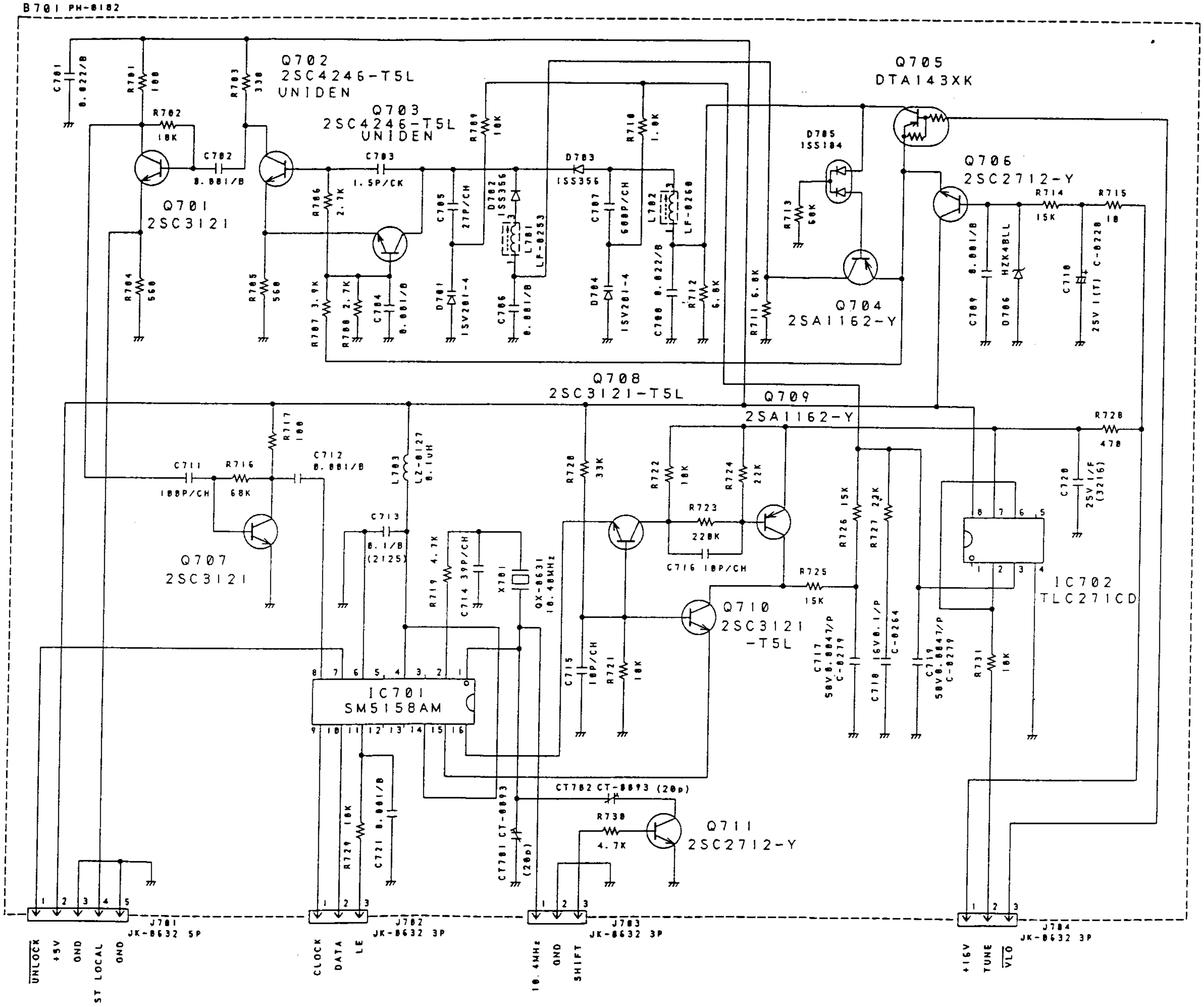


1. RESISTANS VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR WATTAGE ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARADS)
4. ALL ELECTRIC CAPACITOR'S APPROVAL NO. IS C-130 UNLESS OTHERWISE NOTED.
5. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS. RESISTOR

DESIGN	DRAWN BY	
'96. 2. 29	'96. 9. 5	
Y. TAKA	Y. HOSHI	TITLE MAIN PCB SCHEMATIC DIAGRAM
CHECK BY	APPRD. BY	
		DRAWING No. AEG6M
REV. No.		UNIDEN CORP



NOTES.

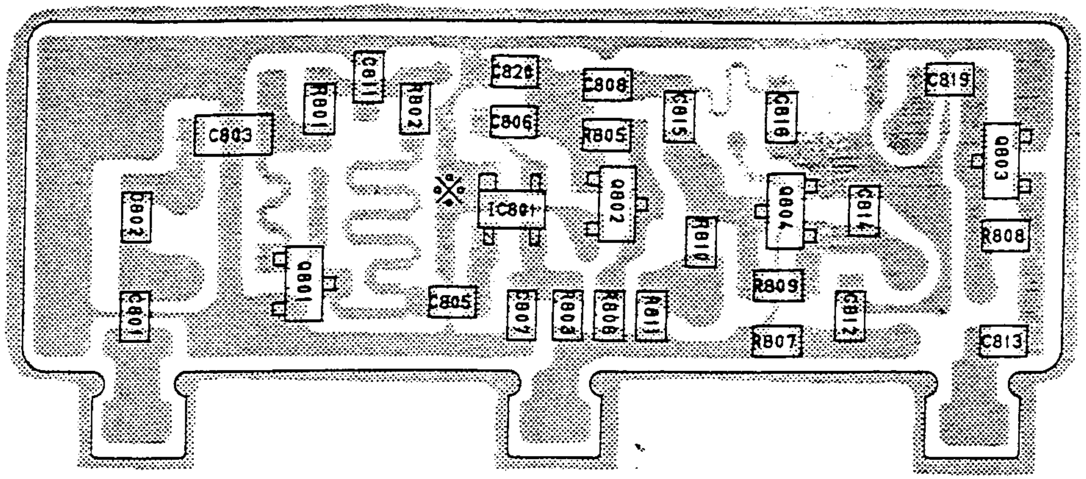
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE [1/16W] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. CHIP CAPACITOR'S SIZES ARE (1608) TYPE UNLESS OTHERWISE NOTED.

AE66M

DESIGN	DRAWN. BY	TITLE	PLL PCB SCHEMATIC DIAGRAM
'95. 9. 27	'96. 9. 5		
KUROKI	Y. HOSHI		
CHECK. BY	APPRO. BY	DRAWING No.	
REV. No		UNIDEN CORP.	

B801

PH-197AA 800MHz PCB (BOT VIEW)



CHECK ORIENTATION OF IC801 — ※

C801	6P/CH
C802	4P/CH
C803	6P/CH 50V(3216)
C805	4P/CH
C806	10P/CH
C807	0.001/B
C808	1.5P/CK
C811	33P/SL
C812	0.01/B
C813	27P/SL
C814	9P/CH
C815	6P/CH
C816	4P/CH
C819	47P/SL
C820	0.001/B

R801	82K
R802	5.6
R803	33
R805	220K
R806	3.3K
R807	220
R808	68K
R809	47K
R810	220
R811	100

Q801	2SC3704
Q802	2SC3704
Q803	2SC3121
Q804	2SC3704

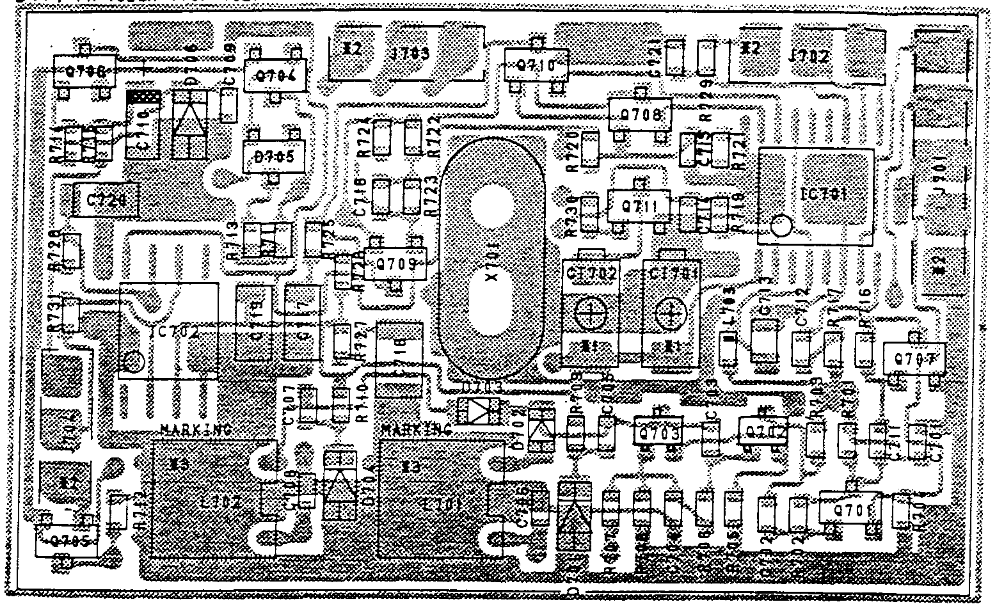
IC801	μPC1675G

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

DESIGN	DRAWN. BY	AE 66M
'92.10.19	'96.9.5	
Y. TAKA	Y. HOSHI	TITLE 800MHz PCB PARTS ASS'Y BOT VIEW
CHECK. BY	APPRO. BY	
Sep 9 '96	Sep. 9 '96	DRAWING NO. E23-13509
[illegible]	K. Yama[illegible]	
REV. NO.		UNIDEN PHILS. INC.

B701 PH-182BA (TOP VIEW)



C701	0.022/B
C702	0.001/B
C703	1.5P/CK
C704	0.001/B
C705	27P/CH
C706	0.001/B
C707	680P/CH
C708	0.022/B
C709	0.001/B
C710	25V1 C-228
C711	100P/CH
C712	0.001/B
C713	0.1/B (2125)
C714	39P/CH
C715	10P/CH
C716	10P/CH
C717	0.0047/P50V(C-279)
C718	0.1/P 16V (C-264)
C719	0.0047/P50V(C-279)
C720	1/F 25V (3216)
C721	0.001/B

R701	100
R702	18K
R703	330
R704	560
R705	560
R706	2.7K
R707	3.9K
R708	2.7K
R709	10K
R710	1.8K
R711	6.8K
R712	6.8K
R713	68K
R714	15K
R715	10
R716	68K
R717	100
R719	4.7K
R720	33K
R721	10K
R722	10K
R723	220K
R724	22K
R725	15K
R726	15K
R727	22K
R728	470
R729	10K
R730	4.7K
R731	10K

Q701	2SC3121
Q702	2SC4246-T5L UNIDEN
Q703	2SC4246-T5L UNIDEN
Q704	2SA1162-Y
Q705	DTA143XK
Q706	2SC2712-Y
Q707	2SC3121
Q708	2SC3121-T5L
Q709	2SA1162-Y
Q710	2SC3121-T5L
Q711	2SC2712-Y

D701	1SV201-4
D702	1SS356
D703	1SS356
D704	1SV201-4
D705	1SS184
D706	HZK4BLL

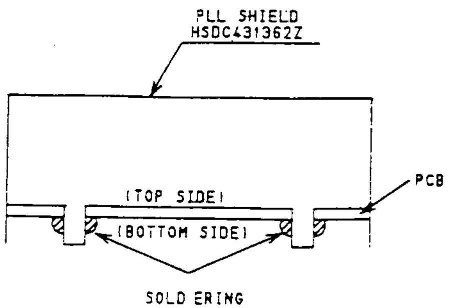
J 701	JK632 (5P)
J 702	JK632 (3P)
J 703	JK632 (3P)
J 704	JK632 (3P)

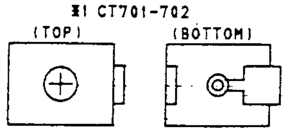
IC701	SM5158AM
IC702	TLC271CD

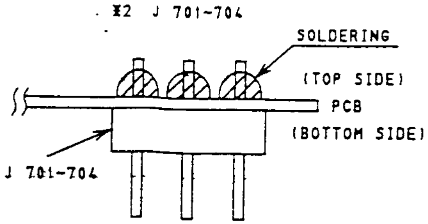
L701	LF253
L702	LF260
L703	LZ-127 0.1μH

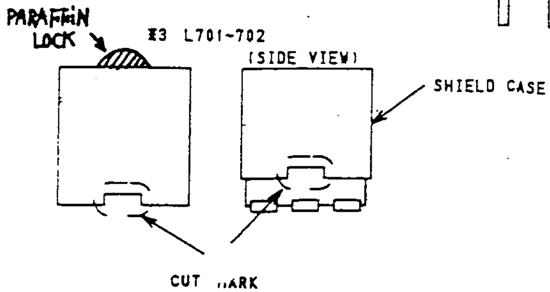
X701	QX-631 10.40MHz

CT701	20P CT-093
CT702	20P CT-093







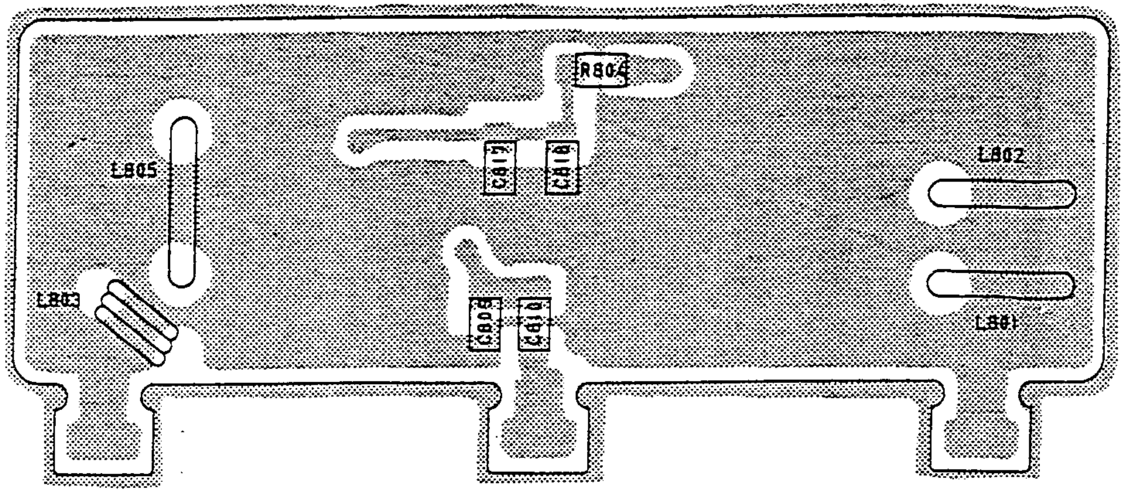


NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM. M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/16W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE CH UNLESS OTHERWISE NOTED.

REF. ONLY

DESIGN.BY	DRAWN.BY	
'96-7.15	'94.7.14	AE 66M
Y.HOSHI	MINE	TITLE PLL PCB PARTS ASSEMBLY TOP VIEW
CHECK.BY	APPRO.BY	
Sep 9 '96	Sep 9 '96	DRAWING NO. E23-13507
[illegible]	K. Yama	
REV. NO.		UNIDEN CORP.

B801 PH-197AA 800MHz PCB (TOP VIEW)



C809	9P/CH
C810	470P/CH
C817	33P/SL
C818	0.001/B

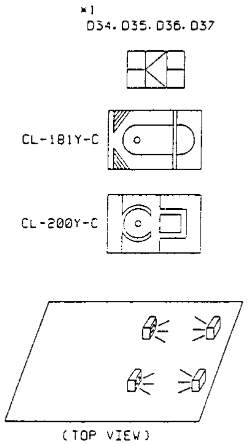
L801	LE351	1/2T
L802	LE351	1/2T
L803	LE127	2 1/2T
L805	LE294	1/2T

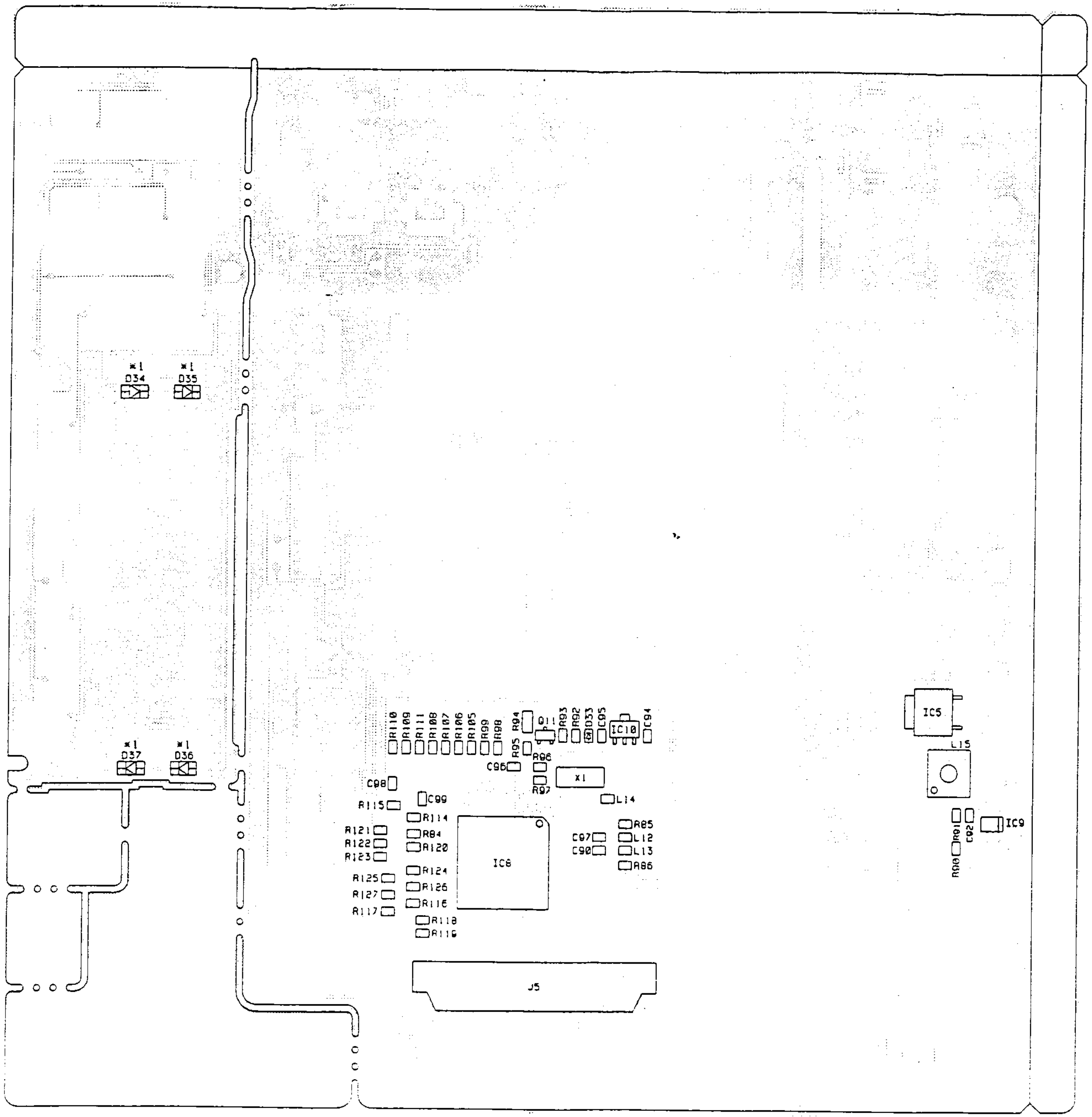
R804	150

NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

DESIGN	DRAWN. BY	
'92.10.19	'96.9.5	AEGGM
Y. TAKA	Y. HOSHI	TITLE 800MHz PCB PARTS ASS'Y TOP VIEW
CHECK. BY	APPRO. BY	DRAWING NO.
Sep 9 '96	Sep. 9. '96	E23-13508
[signature]	K. Yama	
REV. NO.		UNIDEN PHILS. INC.

B001 PH-223AA (TOP VIEW)





C90	0.1/B
C92	0.022/B
C94	0.001/B
C95	0.1/B
C96	0.1/B
C97	0.1/B
C98	0.001/B
C99	100P/CH

D33	1SS355
D34	CL-181Y-C
D35	CL-181Y-C
D36	CL-181Y-C
D37	CL-181Y-C

IC5	L78M05T
IC8	UC1888
IC9	TK11817M
IC10	RH5VL40CA

J5	JK-843 (30P)

L12	600 LZ-120
L13	600 LZ-120
L14	600 LZ-120
L15	1.2mH LZ-077

Q11	2SC2712-Y

R84	1K
R85	1K
R86	10K
R90	560
R91	1K
R92	68K
R93	68K

R94	100K (1/8W)
R95	1K
R96	5.6K
R97	1M
R98	2.2K
R99	2.2K
R105	2.2K
R106	2.2K
R107	2.2K
R108	2.2K
R109	10K
R110	10K
R111	2.2K
R114	2.2K
R115	2.2K
R116	2.2K
R117	2.2K
R118	2.2K
R119	2.2K
R120	2.2K
R121	2.2K
R122	2.2K
R123	2.2K
R124	2.2K
R125	2.2K
R126	2.2K
R127	2.2K

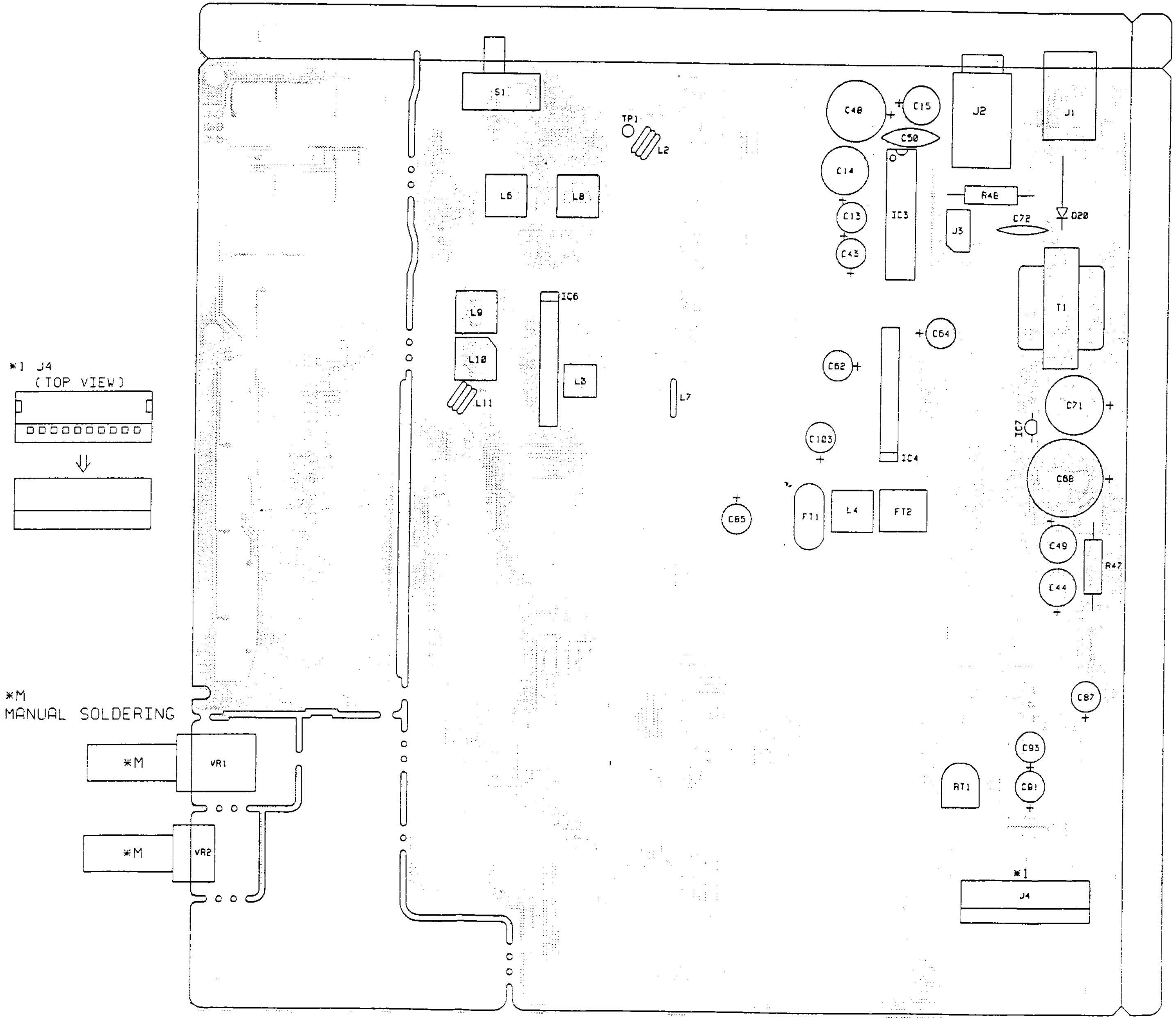
X1	FK-009 4.0MHz

参考資料
REF. ONLY

NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS SIZE ARE 2125 UNLESS OTHERWISE NOTED.
5. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING FOR THE CHIP PARTS.

DESIGN. BY	DRAWN. BY	AE66M
'96.7.11	'96.5.5	
Y. TAKA	Y. HOSHI	TITLE MAIN PCB CHIP LAYOUT TOP VIEW
CHECK. BY	APPRO. BY	DRAWING NO.
Sep 9 '96	Sep 9 '96	E22-13505
REV. NO.		UNIDEN CORP.

B001 PH-223AA (TOP VIEW)



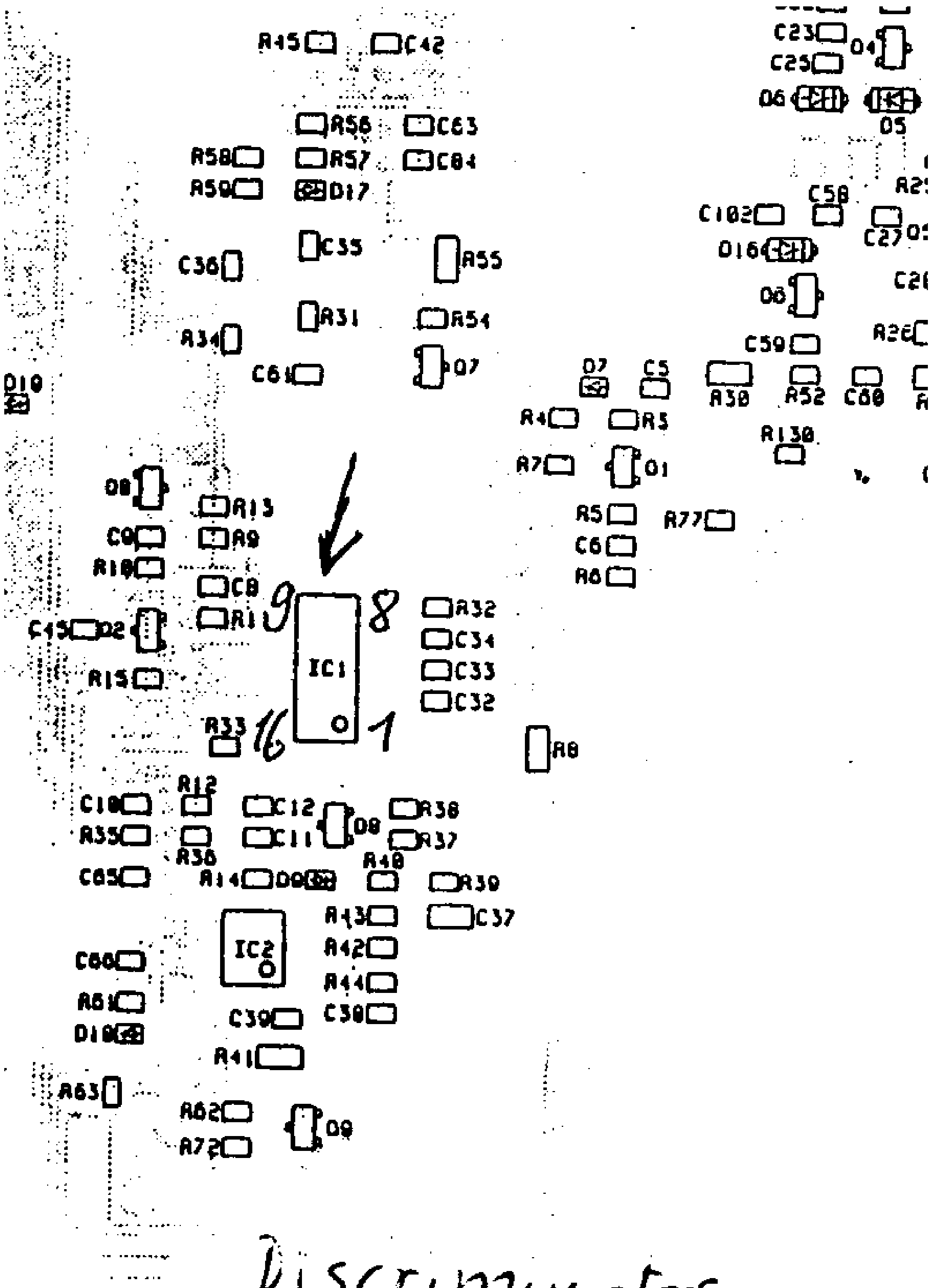
C13	50V 1 C-130
C14	25V 220 C-130
C15	25V 100 C-130
C43	50V 10 C-130
C44	25V 100 C-130
C48	25V 470 C-130
C49	25V 100 C-130
C50	25V 0.1/YR
C62	50V 22 C-130
C64	50V 1 C-130
C68	5.5V 0.1F C-217
C71	25V 470 C-130
C72	50V 0.047/YF
C85	10V 100 C-130
C87	50V 10 C-130
C91	50V 4.7 C-130
C93	50V 4.7 C-130
C103	50V 3.3 C-130
D20	1N4003
FT1	FL-195
FT2	FL-200
IC3	TDA1905
IC4	LA1600A
IC6	LA1186N
IC7	M5278L56
J1	JK-790
J2	JK-899
J3	JK-276 (2P)
J4	JK-858 (10P)
L2	LE-127 2 1/2T
L3	LF-207
L4	LB-233
L6	LB-659
L7	LE-366 1/2T
L8	LB-797
L9	LB-658
L10	LC-226
L11	LE-127 2 1/2T
R47	10 1WS
R48	6.8 1WS
RT1	RT-552 100KB
S1	SW-225
T1	TF-374
TP1	TP-118
VR1	RV-744 100KA
VR2	RV-717 100KA

参 考 資 料
REF. ONLY

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K-KILO OHM, M-MEG OHM)
2. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED (P-MICRO-MICRO FARAD)

DESIGN. BY	DRAWN. BY	AE 66M
'96.7.11	'96.6.5	
Y. TAKA	Y. HOSHI	TITLE MAIN PCB PARTS ASS'Y TOP VIE
CHECK. BY	APPRO. BY	
Sep 9 '96	Sep 9 '96	DRAWING NO. E22-1350
REV. NO.		UNIDEN COF



Discriminator-
Anschluß
AE66U